

# Operating Instructions

# Panasonic®

**EB-H63/EB-H64 Series**

**Personal Cellular Phone**



Before operating this set, please  
read these instructions completely.  
Charge battery before operation.

# EB-H63/EB-H64 Series Display Descriptions

Display	Description
Signal strength	Signal strength
Battery charge level	Battery charge level
Lo batt	Low battery alert
Loc'd	Locked, enter lock code
ring off	Ring volume level
ring lo	
ring hi	
Sto Loc ..	Store in a memory location
StorEd	Confirms entry is stored
StorEd S1	Entry stored in S1
StorEd S2	Entry stored in S2
rc l Loc ..	Recall a memory location
Function ..	Select a function
nor	Normal System (A or B)
A on ly	A System only
B on ly	B System only
H on ly	Home System only
t1 0000	Timer 1 in hours and minutes
t2 0000	Timer 2 in hours and minutes
Mute	Mute conversation

# Before Using Your Phone . . .



Completely charge the battery before using your phone. Refer to **Battery Charging**, pages 6-7.

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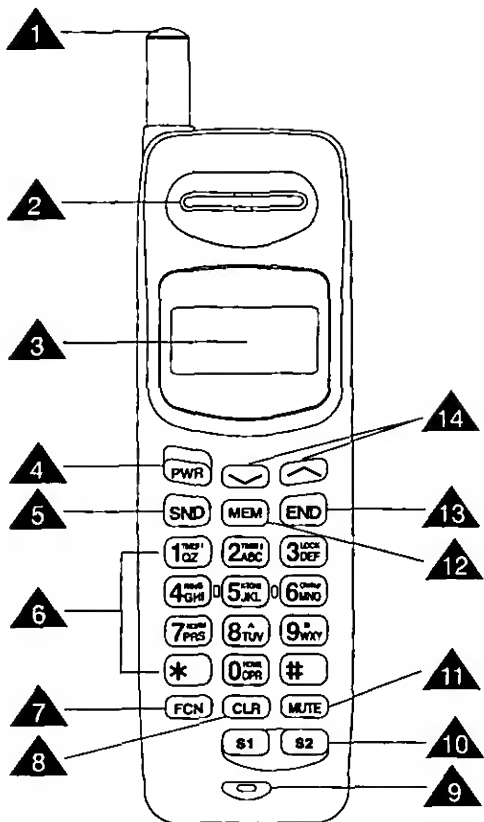
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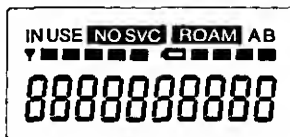
### Index .....

# PHONE OVERVIEW.



- 1** Retractable antenna
- 2** Earpiece
- 3** Display
- 4** Power key
- 5** Send key:  
Initiate calls; access carrier services  
(call waiting...)
- 6** Keypad:  
Enter digits/characters; select functions
- 7** Function key:  
Access functions
- 8** Clear key:  
Erase entries; exit functions
- 9** Mouthpiece
- 10** S1, S2 keys:  
One-touch dialing keys
- 11** Mute key:  
Disable the mouthpiece during a call
- 12** Memory key:  
Recall memory locations; edit and store  
functions
- 13** End key:  
End calls
- 14** Volume and scrolling keys

# DISPLAY OVERVIEW:



**IN USE** Displays while a call is in progress.

**NO SVC** Displays when calls cannot be placed/received because the received signal strength is too weak or because the phone is outside of a service area.

**ROAM** Displays when you are outside of your home system area; flashes if using a system which is a different type (A or B) from your home system.

**A** Displays when using the A system.

**B** Displays when using the B system.



Indicates received signal strength.  
Five bars = highest signal strength  
Zero bars = lowest signal strength  
No indicator = no signal available

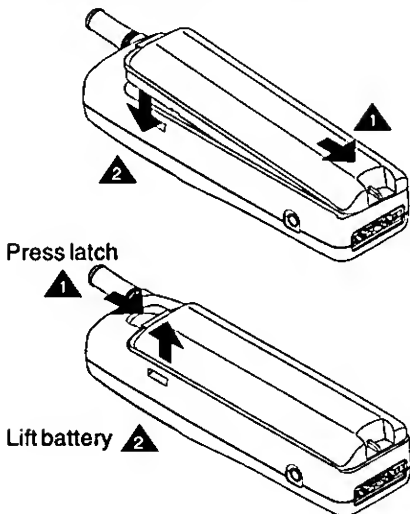


Indicates the battery charge level.  
Four bars = highest battery charge  
Zero bars = lowest battery charge



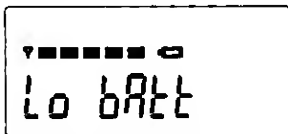
Number entry/display area.

## ATTACHING & REMOVING BATTERY:



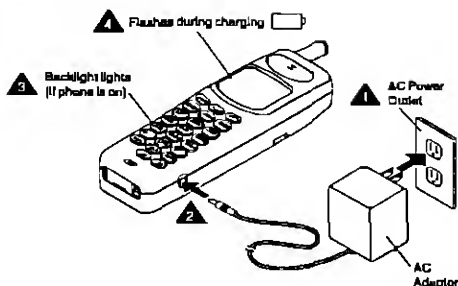
## BATTERY CHARGE LEVEL:

1. The battery charge level displays constantly.
2. When the battery charge level is low, **Lo batt** displays and the phone beeps.



3. Recharge the battery or replace it with a fully charged battery.

## BATTERY CHARGING



### Approximate Charging Times

#### 500 mAh Nickel-Metal Hydride (NiMH) Battery

- 1½ to two (2) hours

#### 700 mAh Nickel-Cadmium (NiCd) Battery

- 1½ to two (2) hours

#### 1250 mAh NiMH Battery

- Three (3) to four (4) hours

### Notes

- Recharge batteries in a well-ventilated area between 41°F (5°C) and 104°F (40°C)
- Do not recharge battery until the battery indicator displays and the phone beeps. Fully charge the battery for the recommended charging time and/or until the battery indicator stops flashing. If you partially charge the battery (i.e., five to 50 minutes), the battery charge indicator may briefly indicate a full charge even though the battery is not completely charged. Once the battery is fully charged, unplug the AC Charging Adaptor from the phone, then unplug the AC Charging Adaptor from the outlet.



- You may use the phone during charging, but the charging time will be longer. If the phone is on during charging, the backlight remains lighted.
- During charging, it is normal for the AC Charging Adaptor and battery to become warm.

## BATTERY SPECIFICATIONS:

Battery Type	Approximate Battery Duration
500 mAh NiMH	60 minutes talk time OR 10 hours standby time <sup>†</sup>
700 mAh NiCd	90 minutes talk time OR 13 hours standby time <sup>†</sup>
1250 mAh NiMH	150 minutes talk time OR 22 hours standby time <sup>†</sup>

<sup>†</sup> Based on a fully charged battery at room temperature.

## TECHNICAL SPECIFICATIONS.

### Phone

#### Phone dimensions with

- 500 mAh battery 5.5 x 1.7 x 1.2"  
140 x 43 x 30 mm
- 700 mAh battery 5.5 x 1.7 x 1.5"  
140 x 43 x 38 mm
- 1250 mAh battery 5.5 x 1.7 x 1.5"  
140 x 43 x 38 mm

#### Phone weight with

- 500 mAh battery 5.1 oz (145 g)
- 700 mAh battery 6.6 oz (188 g)
- 1250 mAh battery 7.3 oz (207 g)

### Battery

- Voltage 4.8 VDC

### Adaptor Jack Input Voltage

- 7 VDC

### AC Charging Adaptor (EB-CA10 specified)

- Input 120 VAC, 60 Hz, 10 W
- Output 7 VDC, 600 mA
- Consumes 4.5 watts when connected to 120V outlet even when not connected to phone

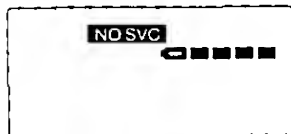
# Using Your Phone . . .

## POWER ON/OFF:

1. Attach a charged battery.
2. Press **[PWR]**.
  - Wake-up tone sounds; all indicators, phone number, and backlight light briefly; battery charge level displays.
  - Signal strength indicator and battery charge level display when phone is ready for operation.



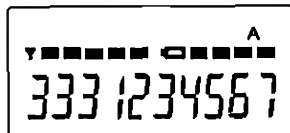
- If signal strength is too weak, the **NO SVC** indicator displays.



- Backlighting goes out approximately ten (10) seconds after phone is turned on.
  - If locked, the display shows **Loc 'd**.
3. To turn off, press **[PWR]**.

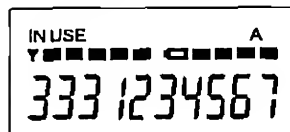
## MAKING A CALL\*

- 1 Fully extend antenna, turn on phone and verify signal strength is sufficient
- 2 Enter number (up to 20 digits)



- Press **[CLR]** briefly to erase a digit, or press and hold to erase the entire entry
- To view entries longer than ten (10) digits, press **[FCN]**, then press and hold **[FCN]**. The additional digits display until **[FCN]** is released

- 3 Press **[END]** to place the call



During a call, you may

- View the call length by pressing **[FCN]** **[ZC]**  
The timer shows call length in minutes  
(Once you end the call, the timer returns to its standard resellable call timer function as described in *Timer 2*, page 17 )
- Disable mouthpiece by pressing **[MUTE]** **[MUTE]**  
Press **[MUTE]** again to enable mouthpiece
- Press **[VOLUME DOWN]** or **[VOLUME UP]** to adjust earpiece volume
- Press **[SND]** to send a flash signal (call waiting)

- Send DTMF tones by pressing keys Or, recall a number from memory, then press **FCN** **END**
- Use the phone as a scratch pad to enter a number

#### 4 Press **END** to end the call

- If you entered a scratch pad number, it displays Press **END** to call the number or save it as described in *Storing Numbers*, page 13

### LAST NUMBER REDIAL\*

If the display is clear, press **END** to automatically display and dial the last phone number sent (To review the last number dialed before initiating the call, press **MEM** **DISP** **DISP** )

### UNSUCCESSFUL CALLS.

If your call cannot be completed, you will hear a warning tone

#### Dropped Call Warning Tone

Slow busy tone sounds when your call drops because of low signal strength or if a caller hangs up his phone

#### Reorder Tone

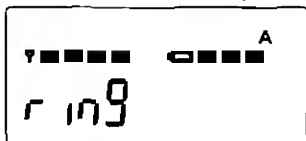
Fast busy tone sounds when the cellular system is too busy to complete the call

#### Intercept Tone

Rapid high/low tone sounds when the cellular system rejects your call

## ANSWERING A CALL

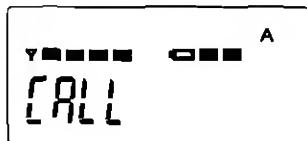
- 1 Press **[PWR]** to turn on the phone
- 2 When a call is received, the phone rings, **r in9** displays, and the display and backlight flash



- To adjust or mute ring volume, refer to **Volume**, page 16
- 3 Fully extend antenna
  - 4 Press any key to answer (except **[PWR]**, **[END]**, **[VOLUME DOWN]** or **[VOLUME UP]**) The **IN USE** indicator lights
  - 5 Press **[END]** to end the call

### Notes

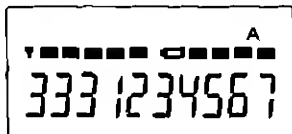
- If the phone is locked, unlock it before answering the call. Refer to **Lock/Unlock**, page 18
- If you do not answer a call, **[CALL]** displays to alert you that an unanswered call occurred



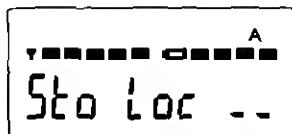
## STORING NUMBERS:

You may store up to 21 phone numbers in memory. The memory locations are 01 to 19, S1 and S2. Locations S1 and S2 are one-touch dialing locations which should be used to store your most-frequently dialed numbers.

- 1 Enter number (up to 20 digits)

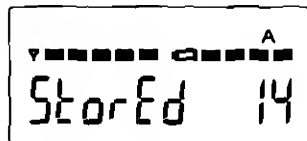


- 2 Press **FCM** **MEM**



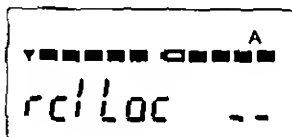
- 3 Enter the two-digit memory location ( **00** **10** ) or **S1** or **S2**

For example, if you store a number in memory location 14



## REVIEWING A NUMBER:

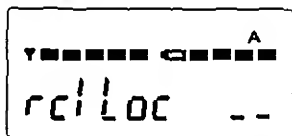
1. Press **MEM**.
  - The display prompts you to enter a memory location.



2. Enter desired location ( **00m** **10z** to **10z** **99m**, **01** or **02** ).
  - After a few seconds, the stored number displays.

## MEMORY SCROLL:

1. Press **MEM**.
  - The display prompts you to enter a memory location.



2. Enter desired location ( **00m** **10z** to **10z** **99m**, **01** or **02** ).
  - After a few seconds, the stored number displays.
3. Press **↵** or **↶** to scroll through additional memory locations.



## DIALING FROM MEMORY

You have three (3) methods of dialing numbers which you have stored in memory

### One Touch Dialing

Press **[BT]** or **[☎]**

- The phone number is automatically recalled and dialed for you

### Super Speed Dialing

- 1 Enter a one- or two-digit memory location
  - The entered memory location displays
- 2 Press **[SND]** to dial
  - If there is a number stored in the selected location, the stored number displays
  - If there is no number stored in the selected location, the digit on the display is dialed

### Speed Dialing



- 1 Press **[MEM]**
- 2 Enter a two-digit memory location
  - The number stored in the location displays
- 3 Press **[SND]** to dial

## VOLUME:

### Ring Volume

Press  or  during ringing

**OR**

When the phone is not in use, press **FCN** **4**, then  or  to adjust. Ring volume can be set to high, low or off. (If you turn off ring volume, a flashing display and ring message alert you of incoming calls.)

### Wake-Up Tone Volume

The ring volume level setting determines the wake-up tone volume.

- Ring Volume Off = Wake-Up Tone Off
- Ring Volume Low = Wake-Up Tone On
- Ring Volume High = Wake-Up Tone On

### Earpiece Volume



During a call, press  or 

### Keytone Volume

Press  or  when the phone is not in use

**OR**

To turn off the keytones, press **FCN** **5**

- Press  or  to select between **tone-off** and **tone-on**. When the desired setting displays, press **CLR**
- To transmit DTMF tones during a call when **tone-off** is set, enter the desired digits and press **FCN** **SND**



# Additional Features

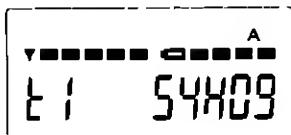
## TIMERS

Your phone has two timers. Timer 1 counts the total talk time for the life of the phone and is not resettable. Timer 2 counts the talk time since the timer was last reset.

### Timer 1

1. Press **[FCN]** **[12]**

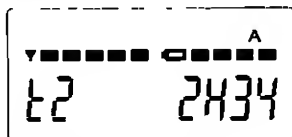
- The total call activity for the phone displays (in hours and minutes). For example:



### Timer 2

1. Press **[FCN]** **[2]**

- The total talk time since the timer was last reset displays (in hours in minutes). For example:



2. Press **[0]** to reset the timer.

### Note

If you access Timer 2 during a call, the call length displays. Refer to ***Making A Call***, page 10.

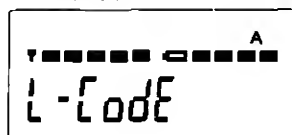
## LOCK/UNLOCK\*

You may lock your phone to prevent unauthorized use. When locked, calls cannot be placed (except to 911) or received.

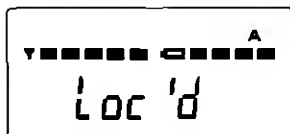
- 911 is the preset emergency number. If you want a different emergency number, have your cellular dealer program the desired emergency number.

The phone's preset lock code is the last four (4) digits of your cellular phone number. If you want a different code, have your cellular dealer reprogram the phone with a new two, three, or four digit code.

1. Press **FCN** **3**
  - The display prompts you to enter your lock code.



2. Enter your lock code.
3. Once locked, the display shows



4. To unlock the phone, repeat steps 1 and 2.

## OWN PHONE NUMBER:

Press **FCN** **6**. Your area code and phone number will display until you press any other key.

## SELECTING A CARRIER

When you sign-up for cellular service, service is provided by either an A (non-wireline) or B (wireline) cellular service carrier. Your cellular service provider is referred to as your "home system". An A or B displays to indicate the carrier which is providing your cellular service.

You may program your phone to access cellular service in one of four different ways:

### Normal

Your phone tries to complete calls using your home system. If your phone cannot access your home system (i.e., you are out of range), your phone tries to complete calls using an available system (roam).

1. Press **FCN** **7**

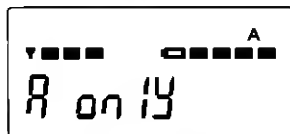


2. Press **MEM** to save your selection.

### A System Only

Your phone uses only the A system.

1. Press **FCN** **B<sub>1</sub>**

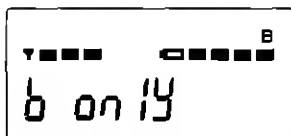


2. Press **MEM** to save your selection.
  - If you set **A on 13** and your home system is **B**, you will not be able to place or receive calls using your home system.

## B System Only

Your phone uses only the B system

- 1 Press **FCN** **9**

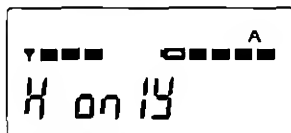


- 2 Press **MEM** to save your selection
  - If you set **b on 14** and your home system is **A**, you will not be able to place or receive calls using your home system

## Home System Only

Your phone uses only your home system (Your home system lights as the A or B indicator )

- 1 Press **FCN** **0**



- 2 Press **MEM** to save your selection
  - If you set **H on 14**, you cannot place/receive calls outside of your home system

# Standard Kit & Accessories

## STANDARD KIT:

A standard kit includes the phone, a battery and an AC charging adaptor.

## ACCESSORIES:

To order accessories, refer to the following page.

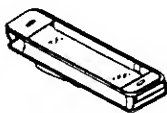
### Accessory Value Kit:



1250 mAh  
NiMH Battery



DC Charging  
Adaptor



Carry Case  
(Leather)

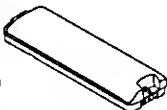
### Additional Accessories:



500 mAh  
NiMH Battery



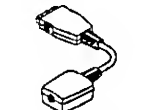
700 mAh  
NiCd Battery



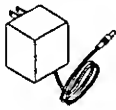
1250 mAh  
NiMH Battery



Private  
Handsfree



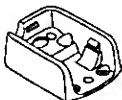
Private Handsfree  
Adaptor



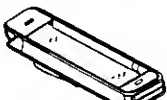
AC Charging  
Adaptor



DC Charging  
Adaptor



Handset  
Holder



Carry Case  
(Leather)

## ACCESSORY ORDERING

These accessory kits and parts are shown on the previous page. To order, visit your Panasonic dealer or call Panasonic at 1-800-332-5368.

- If you are calling to place an order, please have the accessory number and your credit card number ready.
- Accessory information is subject to change without notice.

Accessory Value Kit	EB-SA60Z <sup>1</sup> EB-SA60E <sup>2</sup>
AC Charging Adaptor	EB-CA10 <sup>1</sup>
Battery, 500 mAh NiMH	EB-BS60 <sup>1</sup> EB-BS60E <sup>2</sup>
Battery, 700 mAh NiCd	EB-BM60 <sup>1</sup> EB-BM60E <sup>2</sup>
Battery, 1250 mAh NiMH	EB-BL60 <sup>1</sup> EB-BL60E <sup>2</sup>
Carry Case (Leather)	EB-YK60
DC Charging Adaptor	EB-CD10
Handset Holder	EB-KA60
Private Handsfree	EB-M70005
Private Handsfree Adaptor	EB-DA60

1 Order for use ONLY in USA, Canada, or Mexico

2 Order for use in all countries EXCEPT in USA, Canada, or Mexico





# Service Information

## CLEANING

Clean your phone with a damp cloth. Do not use petroleum based chemicals.

## TROUBLESHOOTING



Before calling for service, try these troubleshooting tips:

If your phone does not turn on:

- Fully charge the battery.
- When using the AC or DC Charging Adapters, attach a battery.

If the **NO SVC** indicator displays:

- Fully extend the antenna.
- Try "Normal" carrier system selection (refer to *Selecting A Carrier*, pages 19-20).

If **Loc'd** displays:

- The phone is locked and will not be able to place calls except to the preset emergency number. To unlock, refer to *Lock/Unlock*, page 18.

If **offlon** followed by a three-digit code displays:

- Turn the phone off and then on again. If the message reappears, contact your dealer.

If the **ROAM** indicator displays in your home area:

- Try "Home System Only" carrier system selection (refer to *Selecting A Carrier*, pages 19-20). If the **ROAM** indicator remains on, contact your dealer or service provider.

If you hear a fast busy tone when making a call

- Your call cannot be accepted because the cellular system is busy
- Verify the signal strength is sufficient
- Move to an area with better reception (signal strength) and try your call again

If you hear a rapid high/low tone when making a call

- Your call was rejected by the cellular system because the number you were calling was invalid, the **NO SVC** indicator was on, etc. End your call and try again
- If authentication is offered in your service area, your phone may need an authentication code before it is able to operate. Contact your cellular service provider for more information

If you can make but not receive calls while roaming

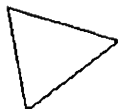
- Contact your carrier or the local cellular carrier about roaming information and forwarding your calls

If any other problems occur, try removing, then replacing the battery

## **ADDITIONAL HELP**

Call Panasonic's Customer Satisfaction Center at 201-348-9090

If your cellular phone is malfunctioning, call Panasonic at 1-800-545-2672 to locate the nearest Panasonic Servicenter or Authorized Independent Servicer



# Precautions

## IMPORTANT

**READ THIS INFORMATION BEFORE USING YOUR  
HANDHELD PORTABLE CELLULAR TELEPHONE**

**For the safe and efficient operation of your phone,  
observe these guidelines**

Your cellular telephone is a radio transmitter and receiver. When it is ON, it receives and also sends out radio frequency (RF) energy. The phone operates in the frequency range of 824 MHz to 894 MHz and employs commonly used frequency modulation (FM) techniques. When you use your phone, the cellular system handling your call controls the power level at which your phone transmits. The power level can range from 0.006 of a watt to 0.6 of a watt.

### **Exposure to Radio Frequency Energy**

In 1991, the Institute of Electrical and Electronics Engineers (IEEE), and in 1992 the American National Standards Institute (ANSI) updated the 1982 ANSI Standard for safety levels with respect to human exposure to RF energy. Over 120 scientists, engineers and physicians from universities, government health agencies, and industry, after reviewing the available body of research, developed this updated Standard. In March, 1993, the U.S. Federal Communications Commission (FCC) proposed the adoption of this updated Standard.

**The design of your phone complies with this updated Standard.** Of course, if you want to limit RF exposure even further than the updated ANSI Standard, you may choose to control the duration of your calls and operate your phone in the most power efficient manner.

### **Efficient Phone Operation**

For your phone to operate at the lowest power level, consistent with satisfactory call quality, please observe the following guidelines:

- If your phone has an extendable antenna, extend it fully. Some models allow you to place a call with the antenna retracted. However, your phone operates more efficiently with the antenna fully extended.

- Hold the phone as you would any other telephone. While speaking directly into the mouthpiece, position the antenna up and over your shoulder.
- Do not hold the antenna when the phone is "IN USE". Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed.

### **Antenna Care & Replacement**

Do not use the phone with a damaged antenna. If a damaged antenna comes into contact with the skin, a minor burn may result. Replace a damaged antenna immediately. Consult your manual to see if you may change the antenna yourself. If so, use only a manufacturer-approved antenna. Otherwise, take your phone to a qualified service center for repair.

Use only the supplied or approved antenna. Non-approved antennas, modifications, or attachments could impair call quality, damage the phone, and violate FCC regulations.

### **Driving**

Check the laws and regulations on the use of cellular telephones in the areas where you drive. Always obey them. Also, when using your phone while driving, please

- give full attention to driving
- use handsfree operation, if available, and
- pull off the road and park before making or answering a call if driving conditions so require.

### **Electronic Devices**

Most modern electronic equipment is shielded from RF energy. However, RF energy from cellular telephones may affect inadequately shielded electronic equipment.

RF energy may affect improperly installed or inadequately shielded electronic operating and entertainment systems in motor vehicles. Check with the manufacturer or its representative to determine if these systems are adequately shielded from external RF energy. You should also check with the manufacturer of any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices (such as pacemakers, hearing aids, etc.) to determine if they are adequately shielded from external RF energy.

Turn your phone OFF in health care facilities when any regulations posted in the areas instruct you to do so. Hospitals or health care facilities may be using equipment that could be sensitive to external RF energy.

### **Aircraft**

#### **TURN YOUR PHONE OFF BEFORE BOARDING ANY AIRCRAFT**

- Use it on the ground only with crew permission
- Do not use it in the air

To prevent possible interference with aircraft systems, U.S. Federal Aviation Administration (FAA) regulations require you to have permission from a crew member to use your phone while the plane is on the ground. To prevent interference with cellular systems, FCC regulations prohibit using your phone while the plane is in the air.

### **Children**

Do not allow children to play with your phone. It is not a toy. Children could hurt themselves or others (by poking themselves in the eye with the antenna, for example). Children also could damage the phone, or make calls that increase your telephone bills.

### **Blasting Areas**

To avoid interfering with blasting operations, turn your unit OFF when in a "blasting area" or in areas posted "Turn off two-way radio." Construction crews often use remote control RF devices to set off explosives.

### **Potentially Explosive Atmospheres**

Turn your phone OFF when in any area with a potentially explosive atmosphere. It is rare, but your phone or its accessories could generate sparks. Sparks in such area could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas such as gas stations, below deck on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust or metal powders, and any other area where you would normally be advised to turn off your vehicle.

Do not transport or store flammable gas, liquid, or explosives in the compartment of your vehicle which contains your phone or accessories.

Vehicles using liquefied petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Batterymarch Park, Quincy, MA 02269, Attn.: Publication Sales Division.

### **Battery:**

- Use only Panasonic charging accessories.
- Fully recharge the battery at least once a month.
- Do not charge the battery for more than 24 hours at a time. Overcharging may shorten the life expectancy of the battery.
- Do not dispose of the battery in fire.
- Do not drop the battery.
- Do not short the battery contacts together.
- Do not store or carry the battery together with any metallic items.
- This product may use a battery that can be recycled. Under some state and local laws, it is illegal to discard the battery into the municipal waste stream. Check with your local solid waste officials for recycling or disposal information.



### **General:**

- Do not use the phone in extreme temperature or humidity. The specified operating temperature range is -22°F (-30°C) to 140°F (60°C).
- Do not attempt to disassemble the phone. There are no user-serviceable parts inside.
- Do not expose the phone to rain or spill liquids on it.
- Do not carry the phone by holding the antenna.
- Do not use any accessories other than those designed for use with your series phone.
- Use of attachments not recommended or sold by Panasonic may result in fire, electrical shock or injury.
- Panasonic cannot be held responsible for damages caused by using non-Panasonic accessories.



# Limited Warranty

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## Cellular Mobile Telephone Products

If the materials or workmanship of this product are defective, Matsushita Consumer Electronics Company or Panasonic Sales Company (Panasonic) will replace or repair this product with new or refurbished products or parts, at Panasonic's option, free of charge, in the USA or Puerto Rico for the following period

## Personal Cellular Telephone

Except as listed below, for one (1) year from the date of original purchase

## Accessories

Accessories, except batteries, whether or not purchased separately, for one (1) year from the date of original purchase unless otherwise specified within this warranty

## Batteries

Defective rechargeable batteries will be replaced with new rechargeable batteries for ninety (90) days from the date of original purchase. Non-rechargeable batteries are not warranted

## Carry-In Or Mail-In Service

In the USA, service can be obtained during the warranty period from a carry-in or mail-in service Matsushita Services Company (MSC) Factory Servicenter listed in the Servicenter Directory. Or call 1-800-545-2672, toll free, to locate an authorized MSC Servicenter

## Warranty Extended Only To Original Purchaser

This warranty extends only to the original purchaser. A purchase receipt or other proof of date of original purchase will be required before warranty service is rendered

This warranty only covers failures due to material or workmanship defects that occur during normal use. THIS WARRANTY DOES NOT COVER damage that occurs in shipment, failures caused by products not supplied by Panasonic, damage attributable to acts of God, or failures resulting from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustments, improper maintenance, alteration, improper

antenna, inadequate signal pick-up, maladjustment of consumer controls, line power surge, lightning damage, modification or service by anyone other than an MSC Factory Servicenter or authorized MSC Servicenter

This Warranty does not cover removal and reinstallation costs, nor does it cover products with a missing, altered, or illegible serial number

This Warranty is voided in full if the phone's electronic serial number (ESN) is modified/altered/tampered with in any way, including, but not limited to, modification of the ESN to add an additional phone number or number(s) to the phone

### Limits And Exclusions

There are no express warranties except as listed above

PANASONIC SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE APPLICABLE WARRANTY PERIOD SET FORTH ABOVE. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts. Therefore, the above exclusions or limitations may not apply to you.

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

If a problem with this product develops during or after the warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the Consumer Affairs Division at the company address indicated below:

**MATSUSHITA CONSUMER ELECTRONICS COMPANY,**  
Division of Matsushita Electric Corporation of America  
One Panasonic Way, Secaucus, New Jersey 07094  
Tel: (201) 348-7000

**PANASONIC SALES COMPANY,**  
Division of Matsushita Electric of Puerto Rico Inc. (PSC)  
Ave. 65 de Infantería, Km. 9.5 San Gabriel Industrial Park  
Carolina, Puerto Rico 00985  
Tel: (809) 750-4300 Fax: (809) 768-2910



# Reference Information



For future reference, please complete the information on this page. Also, you may want to tape or staple your purchase receipt here

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Model Number \_\_\_\_\_

ESN No (under battery on back of phone)

\_\_\_\_\_

Purchase Date \_\_\_\_\_

Dealer Name \_\_\_\_\_

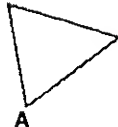
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Emergency Number \_\_\_\_\_

Lock Code \_\_\_\_\_

Own Phone Number \_\_\_\_\_

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# EB-H63/EB-H64 Series Quick Reference

## POWER

## CALLS

Make Calls  
Enter digits, press

Receive Calls  
Press any key except or

End Calls Press

## DIALING

One-Touch  
Press and hold or

Super Speed Dialing  
Enter one- or two digit memory location, press

Last Number Press

## STORING

Enter phone number  
Press   
1 Enter two-digit memory location  
OR  
2 Press enter or   
(for one touch dial storage)

## REVIEWING

Memory enter location  
( or to scroll)  
Long Numbers then press and hold

## VOLUME

Earpiece  
Press during call  
Ring  
Press during ringing  
Keystone  
Press when phone is not in use

## FUNCTIONS

Timer 1 (Total)   
Timer 2 (Resettable)   
( to reset)  
Lock/Unlock   
enter code  
Ring Volume   
   
Silent Keypad   
   
Own Phone Number   
Normal System Carrier   
A System Carrier   
B System Carrier   
Home System Carrier

## VOLUME

Earpiece  
Press during call  
Ring  
Press during ringing  
Keystone  
Press when phone is not in use

## FUNCTIONS

Timer 1 (Total)   
Timer 2 (Resettable)   
( to reset)  
Lock/Unlock   
enter code  
Ring Volume   
   
Silent Keypad   
   
Own Phone Number   
Normal System Carrier   
A System Carrier   
B System Carrier   
Home System Carrier


# EB-H63/EB-H64 Series

## Quick Reference

### POWER

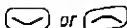
#### CALLS


Make Calls

Enter digits, press 

Receive Calls



Press any key except  




End Calls Press 


#### DIALING

One-Touch

Press and hold  or 

Super Speed Dialing

Enter one- or two-digit memory location, press 

Last Number Press 



#### STORING

Enter phone number

Press  

1 Enter two-digit memory location

OR

2 Press enter  or 

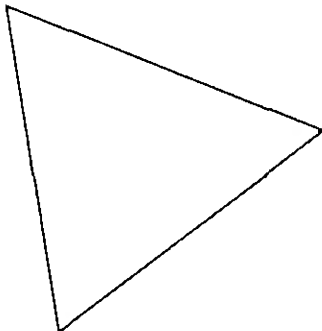
(for one touch dial storage)

#### REVIEWING

Memory , enter location

 or  to scroll

Long Numbers  then press and hold 



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